

QB365 Question Bank Software Study Materials

Introduction to C++ 50 Important 1 Marks Questions With Answers (Book Back and Creative)

11th Standard

Computer Science

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Who developed C++?
(a) Charles Babbage (b) **Bjarne Stroustrup** (c) Bill Gates (d) Sundar Pichai
- 2) What was the original name given to C++?
(a) CPP (b) Advanced C (c) **C with Classes** (d) Class with C
- 3) Who coined C++?
(a) **Rick Mascitti** (b) Rick Bjarne (c) Bill Gates (d) Dennis Ritchie
- 4) The smallest individual unit in a program is:
(a) Program (b) Algorithm (c) Flowchart (d) **Tokens**
- 5) Which of the following operator is extraction operator of C++?
(a) **>>** (b) << (c) <> (d) ^^
- 6) Which of the following statement is not true?
(a) Keywords are the reserved words convey specific meaning to the C++ compiler
(b) **Reserved words or keywords can be used as an identifier name**
(c) An integer constant must have at least one digit without a decimal point
(d) Exponent form of real constants consists of two parts
- 7) Which of the following is a valid string literal?
(a) 'A' (b) 'Welcome' (c) 1232 (d) **"1232"**
- 8) A program written in high level language is called as
(a) Object code (b) **Source code** (c) Executable code (d) All the above
- 9) Assume a = 5, b = 6; what will be result of a & b?
(a) **4** (b) 5 (c) 1 (d) 0
- 10) Which of the following is called as compile time operators?
(a) **sizeof** (b) pointer (c) virtual (d) this
- 11) How many categories of data types are available in C++?
(a) 5 (b) 4 (c) **3** (d) 2
- 12) Which of the following data types is not a fundamental type?
(a) **signed** (b) int (c) float (d) char
- 13) What will be the result of following statement?
char ch= 'B';
cout < < (int) ch;

- (a) B (b) b (c) 65 **(d) 66**
- 14) Which of the character is used as suffix to indicate a floating point value?
(a) F (b) C (c) L (d) D
- 15) How many bytes of memory is allocated for the following variable declaration if you are using Dev C++? short int x;
(a) 2 **(b) 4** (c) 6 (d) 8
- 16) What is the output of the following snippet?
char ch = 'A';
ch = ch + 1;
(a) B (b) A1 (c) F (d) 1A
- 17) Which of the following is not a data type modifier?
(a) signed **(b) int** (c) long (d) short
- 18) Which of the following operator returns the size of the data type?
(a) sizeof () (b) int () (c) long () (d) double ()
- 19) Which operator is used to access reference of a variable?
(a) \$ (b) # **(c) &** (d) !
- 20) This can be used as alternate to endl command:
(a) \t (b) \b (c) \0 **(d) \n**
- 21) C++ is standardized by the _____.
(a) OSI **(b) ISO** (c) AT & T (d) ANSI
- 22) Which of the following are the user-defined names given to different parts of the c++ program?
(a) literals **(b) Identifiers** (c) punctuators (d) Keywords
- 23) Which are the data items whose values do not change during c++ program execution?
(a) constants (b) indentifiers (c) operators (d) none of these
- 24) How many ways the numeric constants are classified?
(a) 2 (b) 3 (c) 4 (d) 6
- 25) In How many forms the real constant can be written?
(a) 2 (b) 3 (c) 4 (d) 6
- 26) Boolean literal true has value _____.
(a) 0 **(b) 1** (c) 0.5 (d) 0.2
- 27) An escape sequence character contains __ characters.
(a) 1 **(b) 2** (c) 4 (d) 8
- 28) The length of the string "School" is _____.
(a) 6 **(b) 7** (c) 8 (d) none
- 29) y = ++a + a++; what is the value of y if a =6; _____.
(a) 14 (b) 13 **(c) 12** (d) 0
- 30) The logical grouping of an operators are called _____.

- (a) Precedence (b) order **(c) association** (d) execution
- 31) The c++ statement starts with // is called _____.
- (a) Input statement (b) Output statement **(c) Comment statement** (d) Control statement
- 32) The symbol used to denote preprocessor directive statement is _____.
- (a) #** (b) // (c) @ (d) {
- 33) Which of the following compiler is not a open source?
- (a) Visual c++** (b) Dev c++ (c) Eclipse (d) Sky IDE
- 34) Which of the following is a current statement?
- (i) C++ is a Hybrid language
(ii) C++ not an object driven language
(iii) C++ supports exception handling
(iv) Data hiding possible
- (a) only (i)(ii) (b) only (i), (iii) **(c) only (i), (iii),(iv)** (d) only (iii), (ii)
- 35) Which of the following possible in C++?
- (a) Exception Handling (b) Over loading (c) Data hiding **(d) all of these**
- 36) Which of the following statement(s) is/are not true?
- (a) The operator << to get input in C++
(b) \ is a Single line comment statement in C++
(c) +=, -= is not a shorthand operators in C++
(d) *, & are operator not associated with pointer in C++
- (a) only 1 and 3 (b) only 3 and 4 (c) only 2 and 4 **(d) all of these**
- 37) The source code extension of C++ program is _____.
- (a) .cp **(b) .cpp** (c) .c (d) .c++
- 38) What is the value stored in C if int c=15.06?
- (a) 15** (b) 06 (c) 1506 (d) 15.06
- 39) Predict the output for the following
- ```
char x= 98;
cout << x-1;
```
- (a) A (b) 97 (c) 98 **(d) a**
- 40) The double is larger and slower than \_\_ datatype
- (a) int (b) void **(c) float** (d) char
- 41) How many types of integer literals in C++?
- (a) 3** (b) 5 (c) 7 (d) 6
- 42) Which of the following is data types is C++?
- (a) long** (b) unsigned (c) signed (d) void
- 43) In a programming language, fields are referred to as \_\_\_\_\_.
- (a) variables** (b) operators (c) Punctuators (d) constants
- 44) Which of the following is an example of logical expression?
- (a) a + b == c + d **(b) (a > b) && (b < c)** (c) x > > 3 (d) a = b + c

45) The latest standard version published in December 2017 as ISO/IEC\_\_\_\_\_ which is informally known as C++ 17.

- (a) 14882: 1998 (b) 14883: 2017 (c) **14882:2017** (d) 14882: 2000

46) The smallest individual unit in a program is known as \_\_\_\_\_

- (a) token (b) lexical unit (c) lexical element (d) **all the above**

47) \_\_\_\_\_ data type signed more precision fractional value.

- (a) char (b) short (c) **long double** (d) signed doubles

48) Match the following

|                       |     |                   |
|-----------------------|-----|-------------------|
| 1 Constant expression | i   | Area = 3.14*r*r;  |
| 2 Bitwise expression  | ii  | (a > b)&&(c=10)   |
| 3 Logical expression  | iii | x > > 3; a < < 2; |
| 4 Float expression    | iv  | int num = 100;    |

- (a) 

|              |
|--------------|
| i)ii)iii)iv) |
| 43 2 1       |

 (b) 

|              |
|--------------|
| i)ii)iii)iv) |
| 12 3 4       |

 (c) 

|              |
|--------------|
| i)ii)iii)iv) |
| 41 2 3       |

 (d) 

|              |
|--------------|
| i)ii)iii)iv) |
| 43 1 2       |

49) With revisions and additions, the recent list of keywords includes \_\_\_\_\_.

- (a) throw (b) **dynamic-cast** (c) virtual (d) catch

50) Size of operator is called \_\_\_\_\_,

- (a) Comma operator (b) Unary operator (c) **compile time operator** (d) Direct operator